

Technical sheet :

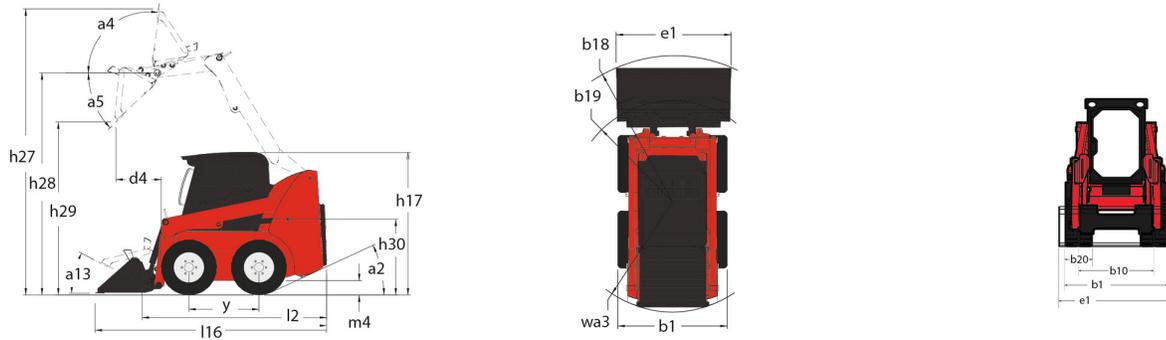
# **1050 R**

---



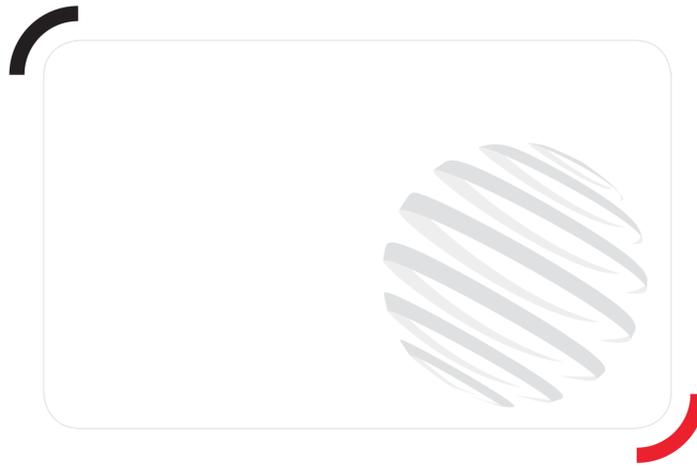
Capacities		Metric
Rated Operating Capacity		476 kg
Rated Operating Capacity with Optional Counterweight		533 kg
Unladen weight		1905 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	3546 mm
Height to Hinge Pin - Fully Raised	h28	2746 mm
Overall Height to Top of ROPS	h17	1786 mm
Dump angle at full height	a5	42 °
Dump height	h29	2146 mm
Overall length with bucket	l16	2896 mm
Dump reach - Full height	r6	579 mm
Rollback at ground		29 °
Seat to ground height	h30	828 mm
Wheelbase	y	876 mm
Overall width less bucket	b1	1229 mm
Bucket Width	e1	1404 mm
Ground clearance	m4	152 mm
Overall length - Less Bucket	l2	2258 mm
Departure angle	a2	26 °
Clearance Radius - Front with Bucket	b18	1763 mm
Clearance Circle - Front without Bucket	b19	1120 mm
Clearance Circle - Rear	wa1	1374 mm
Performances		
Travel speed (unladen)		9.50 km/h
Wheels		
Standard tyres		27x8.5x15 HD
Engine		
Engine brand		Yanmar
Engine model		3TNV88C-KMS
Gross Power (kW)		25.50 kW
Net Power (kW)		24.70 kW
Max. torque / Engine rotation		108 Nm / 2800 rpm
Battery		12 V
Alternator		40 kW
Starter (kW)		2.30 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		55.10 l/min
Auxiliary Hydraulic Pressure		189.60 Bar
Tank capacities		
Fuel tank		39.40 l
Reservoir Capacity Hydraulics		30.30 l
Displacement		1.60 l
Noise and vibration		
Environmental noise (LwA)		101 dB
Noise at driving position (LpA)		80 dB
Whole-Body Vibration (ISO 2631-1)		0.81 m/s <sup>2</sup>
Vibration to whole hand/am		< 0.93 m/s <sup>2</sup>

## 1050 R - Dimensional drawing



## Equipment

—	
Integral Access Plate (removable)	Standard
<b>Lifting function</b>	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
<b>Lighting</b>	
Work Lights - Front and Rear	Standard
<b>Motorization/Power</b>	
Engine Block Heater	Standard
<b>Operator station</b>	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Standard
Hand/Foot Controls	Standard
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
<b>Other options</b>	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
<b>Safety</b>	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard
<b>Secondary functions</b>	
Counterweight	Optional
Full Instrumentation	Standard



Siège Social

430 rue de l'Aubinière - 44150 Ancenis Cedex - France

Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes